

# Thematic CERN School of Computing on Security

and: other training opportunities

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# Security training: Thematic CERN School

- Following Luna's talk noting training opportunities
- Thematic CERN School of Computing on Security April 2025
  - First run in 2022
  - Third iteration this year
  - Hosted by STFC at Cosener's House in the UK
    - I had the pleasure of being local organiser
- Same structure as other thematic schools
  - 5 days, mix of lectures and exercises
- Tutors from EGI CSIRT, CERN and STFC

# Security training: Thematic CERN School

- Aimed at system managers expected to work with security in their day-to-day role
  - As opposed to cybersecurity professionals – but typically have a small number of these as well

- Cover security lifecycle of a service

- Risk management
- Security architecture
- AAI
- Logging and Traceability
- Virtualisation + cloud security
- Container security
- Vulnerability management
- Application security
- Security Operations Centres
- Security operations
- Incident response management
- Forensics
- Incident response exercise



# Reflections on this year

- This year was very successful
  - Extremely lucky with the weather
- 34 participants
  - CERN, Europe, Photon and Neutron Community
  - Broad range of career stages
  - Dynamic and engaged cohort
- Intense but fruitful week
  - Now gathering and reviewing feedback



# Skills and training opportunities

- Additional forensics guidance [EGI CSIRT]:
  - <https://confluence.egi.eu/display/EGIBG/Forensics+Howto>
- SOC Hackathon September 2025
  - University Politehnica of Bucharest
  - Focus on development of aggregated security monitoring architecture
    - Truly mix of training and development work
  - Registrations now open (closing September 1)
  - <https://indico.cern.ch/event/1537215/>

# Skills and training opportunities

- Drive not least in UK for development of more in-person training
  - Focus on online training alongside in-person events
  - All this work is more broadly applicable
- What security training would people find useful?
- Luna and I are here this week or get in touch afterwards 😊